

INTERNATIONAL SEARCH REPORT

IB2004/052485

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/085520 A1 (SYDON UWE ET AL) 4 July 2002 (2002-07-04) abstract figures 1-4 paragraph '0017! - paragraph '0021! paragraph '0023! - paragraph '0025! -----	1-13
X	US 2002/155846 A1 (SHIRAGA KAZUHIRO) 24 October 2002 (2002-10-24) abstract figures 1-5 paragraph '0012! - paragraph '0013! paragraph '0040! - paragraph '0048! paragraph '0057! - paragraph '0066! ----- -/--	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

17 February 2005

Date of mailing of the international search report

25/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Matt, S

INTERNATIONAL SEARCH REPORT

IB2004/052485

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 666 661 A (GRUBE ET AL) 9 September 1997 (1997-09-09) abstract figures 1,2 column 3, line 1 - column 4, line 9 -----	1-13
A	ADACHI T ET AL: "A STUDY ON CHANNEL USAGE IN A CELLULAR AD-HOC UNITED COMMUNICATION SYSTEM FOR OPERATIONAL ROBOTS" IEICE TRANSACTIONS ON COMMUNICATIONS, INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, JP, vol. E81-B, no. 7, 1 July 1998 (1998-07-01), pages 1500-1506, XP000790184 ISSN: 0916-8516 Chapter 1 - Chapter 2 -----	1-13

INTERNATIONAL SEARCH REPORT

IB2004/052485

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2002085520	A1	04-07-2002	NONE		
US 2002155846	A1	24-10-2002	JP	2002320258 A	31-10-2002
			US	2004209627 A1	21-10-2004
			US	2004196807 A1	07-10-2004
US 5666661	A	09-09-1997	NONE		

BEST AVAILABLE COPY